

IN THE SPECIFICATION

Please substitute the following paragraph for the paragraph starting at page 2, line 14 and ending at page 3, line 5. A marked-up copy of this paragraph, showing the changes made thereto is attached.

Each scale described above is indirectly coupled to the coupling portion of a rotating shaft through a hub member; it is difficult to fix the scale to the shaft while maintaining high eccentricity precision between the center of the slit portion formed in the scale and the rotating shaft. This requires high-precision adjustment. Likewise, owing to the above arrangement, it is difficult to keep high squareness precision between the scale and the rotating shaft in the presence of wobbling of the scale surface upon rotation. Furthermore, since a metal scale or film scale has a thickness of 0.2 mm or less, it exhibits poor flatness. As a consequence, the scale suffers from large wobbling (flapping) of the surface. This becomes a factor that causes a deterioration in angle detection precision. It is relatively easy for a glass scale, from which relatively high flatness can be obtained, to improve squareness precision. However, this scale is susceptible to shock, and expensive.

IN THE CLAIMS

Please amend Claims 12 through 16 to read as follows. A marked-up copy of Claims 12 through 16, showing the changes made thereto, is attached. Note that all the claims currently pending in this application, including those not presently being amended, have been reproduced below for the Examiner's convenience.